



TOWN OF MOORESVILLE STORM DRAIN MARKING PROGRAM

The purpose of storm drain marking programs throughout the United States is to raise public awareness that storm drains connect indirectly or directly to local waterbodies. Substances that are dumped into storm drains cause surface water pollution.

Stormwater runoff is the biggest source of surface water pollution in our Nation's waterways. The water quality of our surface waters will increase by decreasing the amount of pollutants that are introduced into our stormwater conveyance systems to be carried to waterways by stormwater runoff.

The Town of Mooresville has an Illicit Discharge & Connection Ordinance that prohibits illegal dumping, and surface waters are also regulated by the State of North Carolina and ultimately the United States Environmental Protection Agency.

Thank you for volunteering for a project that will increase not only the surface waters here in the Town of Mooresville but also all of our downstream neighbors. You are appreciated!

For additional information, please call the Stormwater Program Specialist at 704-799-4195.



TOWN OF MOORESVILLE STORMWATER
STORM DRAIN MARKING PROGRAM

2523 Charlotte Highway, Mooresville, NC 28117
MARKED DRAIN LOG

Thank you for your participation in the Storm Drain Marking program! Group leaders, parents and guardians should ensure that all participants understand the goals and safety issues of this program before starting.

Groups/Individuals are asked to:

1. Complete this log for each marking session (digital form available at <https://arcg.is/0TmqgT>)
2. Accurately record street names and the number of drains marked on each street.
3. Record the address(es) of any storm drains that are filled with debris, have visible signs of illegal dumping (oil, yard waste, paint) and/or appear damaged.
4. Remove and bag up any trash, leaves, grass clippings, and small twigs and branches covering/clogging storm drain grates.
5. Return completed "Marked Drain Log" and unused storm drain marking materials to:
Town of Mooresville Stormwater Program Specialist, 2523 Charlotte Highway, Mooresville, NC 28117, phone: 704-799-4195, fax: 704-662-6298
6. **Please, do NOT dispose of leftover markers or materials!**

Volunteer Group/Individual: _____ Number of Volunteers: _____

Date of Marking Project: _____ Project Hours: _____
(example: 10:00-11:00 AM)

Please indicate the roadway designation. (street, avenue, road, drive, lane, boulevard, court, cul-de-sac, circle, place, etc.)

Neighborhood/ Subdivision	Roadway name	Beginning Intersection	Ending Intersection	Number of Drains Marked

Problems observed? Please list below if you observe any of the following: clogged or damaged drains, obvious signs of pollution such as grass clippings/leaves, pet waste, oil, paint, or other type flow into the drain)



SAFETY RULES AND GUIDELINES FOR VOLUNTEERS

All Volunteers Must:

1. Wear a safety vest.
2. Park safely.
3. Furnish adequate supervision for groups that have participants that are under the age of 18.
4. Complete marking projects only during daylight hours and during dry weather conditions.
5. Obey all safety rules and guidelines.
6. Conduct a safety meeting or all participants prior to each marking project which includes a review of Safety Rules and Guidelines for Volunteers and Safety Procedures for marking projects.

For Your Safety:

1. Wear light colored clothing that covers the arms and legs.
2. Wear plastic gloves.
3. Wear clothing that will not impair vision or movement during cleanup activities.
4. Work in small supervised groups.
5. Stay clear of any constructions.
6. Stop work in inclement weather.
7. Ensure drains are dry before applying the markers.
8. Drink plenty of fluids taking breaks to avoid overexertion.
9. Be alert for snakes, stinging insects, and poisonous plants.
10. Do NOT remove hazardous substances or dead animals (notify the Storm Drain Marking Volunteer Coordinator with the location of the item).
11. Avoid contact with noxious weeds and areas where herbicides have been applied.
12. Use proper lifting and bending techniques.

Volunteers Must Not:

1. Do not use or possess illegal drugs or alcohol during a project.
2. Do not pick up what appears to be hazardous material.
3. Do not use drain marker adhesive in any manner except for adhering the storm drain markers.
4. Do not push, shove, or roughhouse near roadways or traffic.

In Case of Emergency:

1. Have an adequate first aid kit immediately available.
2. Select an emergency room/hospital and know the route from the project area to the designated treatment facility.
3. Have transportation immediately available.
4. Call 911 when necessary.



SAFETY PROCEDURES FOR VOLUNTEERS

1. Review and remain aware of ALL potential hazards such as:
 - moving traffic
 - animals
 - potential to slip, trip, or fall
 - poisonous plants/insects/snakes
 - unknown/unlabeled substances
 - hidden/sharp or broken objects
 - overcrowding of workers
 - various other
2. Do not create potential conflicts with other vehicles and equipment operating near the project area, and provide maximum protection for workers getting in and out of the vehicles.
3. Wear appropriate personal protective clothing.
4. Take extra precautions to prevent heat and cold stress when working in extreme temperatures.
5. Be aware of poisonous plants, insects, snakes, animals, and animal waste products and carcasses.
6. Be aware of routes for medical care in case of emergency.
7. Be aware of loose material, tripping hazards, uneven ground, and other obstructions.
8. Allow ample space for each person to work safely.
9. Be aware of hidden obstructions that may have sharp edges and broken glass.
10. Be aware of hazardous materials and objects and notify proper authorizes (police or Storm Drain Marking Volunteer Coordinator).
11. Use caution when handling trash bags containing broken or sharp objects.
12. If you collect any trash from the storm drains, use property lifting techniques when disposing of trash bags.



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MARKING INSTRUCTIONS

- Catch basins may be marked with a placard or painted using a stencil. Placards, paint, stencils, and other materials will be provided by the Town of Mooresville Stormwater Program Specialist.
- All unused materials must be returned to the Town of Mooresville Stormwater Program Specialist.
- Using a wire brush, clean the surface that will be marked.
- Do NOT wet the surface that will be marked.
- If marking with placards, be sure to place the placard so that it may be read from the street (**Figure 1**). Press firmly after placing the placard so the adhesive will bind to the surface. Be careful when using adhesive: too much will ooze out the sides of the placard, and not enough will cause the placard to disengage from the catch basin.
- If marking with stencil, be sure to position the stencil so that it may be read from the street (**Figure 2**). Be careful that the stencil is lined evenly and level. Be sure to edge the stencil with newspaper so that the paint is not applied to the area outside of the stencil.

Figure 1



Figure 2

